Gradient Probes in DS Runs OG587 & OG588
7/8" Dia. Crucibles with NiTaC-14A+B
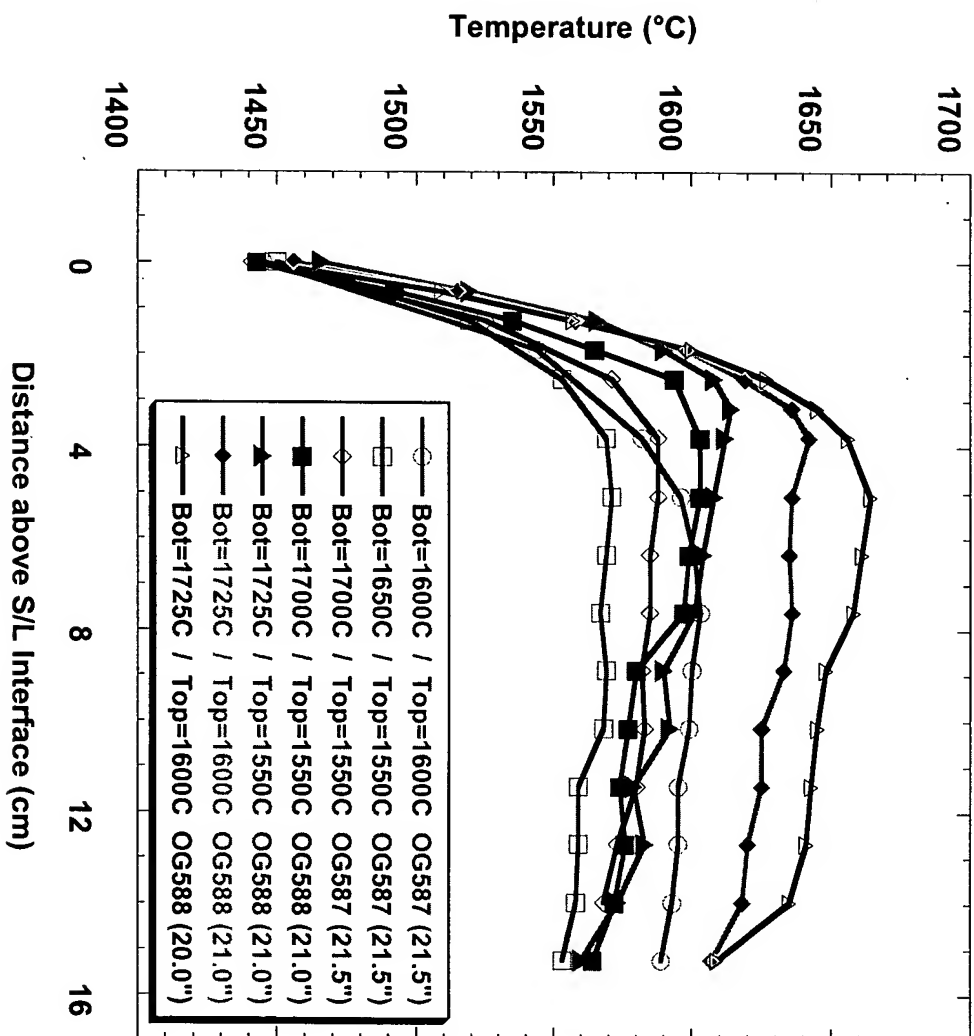
FIG.1.

BEST AVAILABLE COPY

FIG.2.

FIG.3.

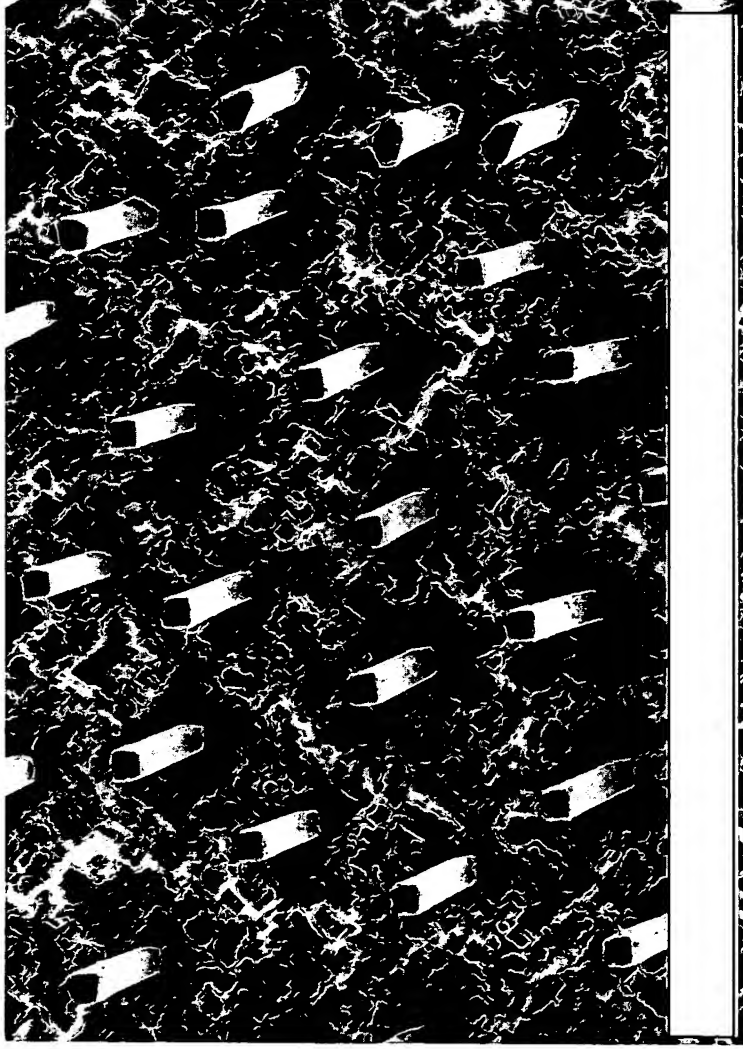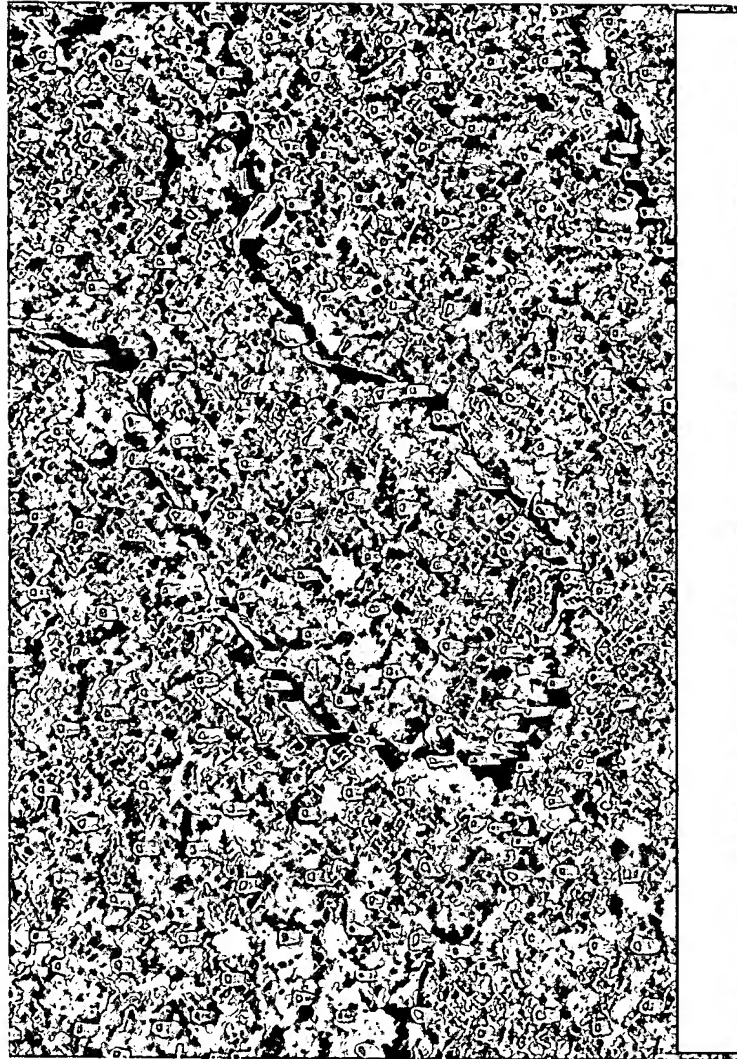*FIG.4.*
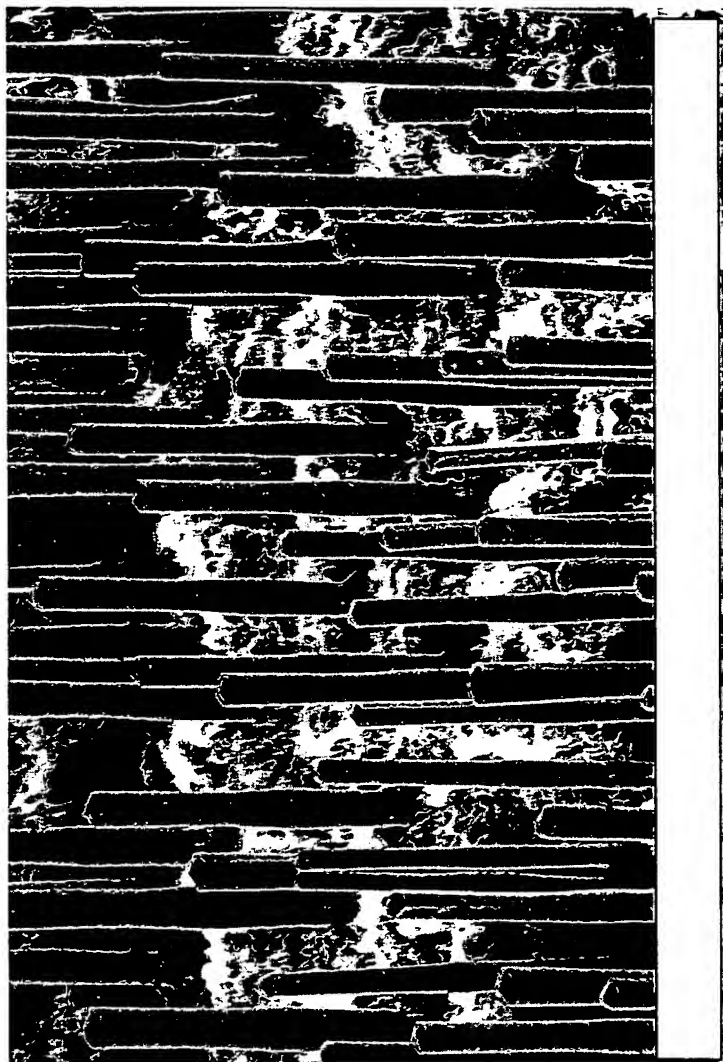
FIG.5.
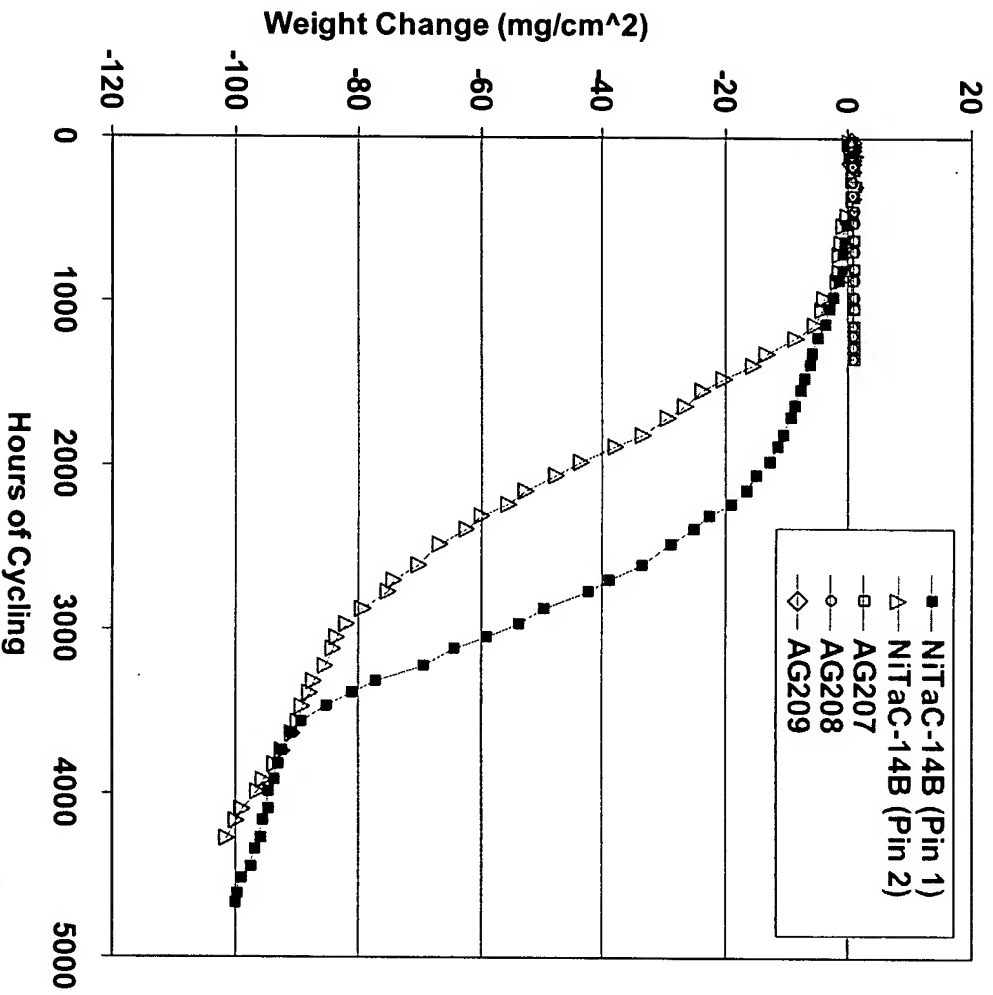
FIG.6.

BEST AVAILABLE COPY

FIG.7.

BEST AVAILABLE COPY

FIG.8.

Creep Tests at 982°C / 283MPa (1800°F / 41ksi)

AG207 AG208 AG209 NiTaC-14B

Legend:
- Time to 0.5% (h)
- Time to 1.0% (h)
- Time to 2.0% (h)
- Time to Failure (h)

8/11

BEST AVAILABLE COPY

Creep at 871°C/455MPa (1600°F/66ksi)

FIG.9.

BEST AVAILABLE COPY

Creep at 982°C/283MPa (1800°F/41ksi)
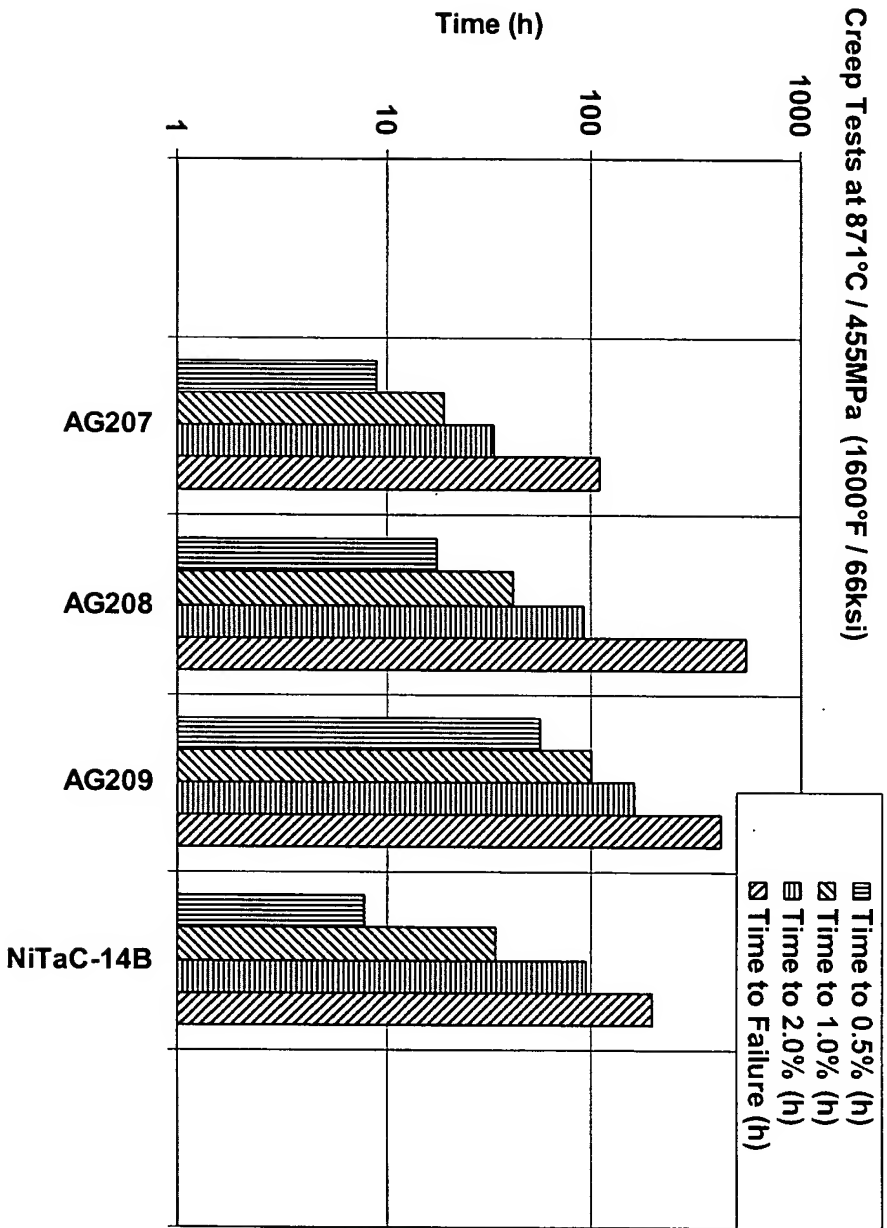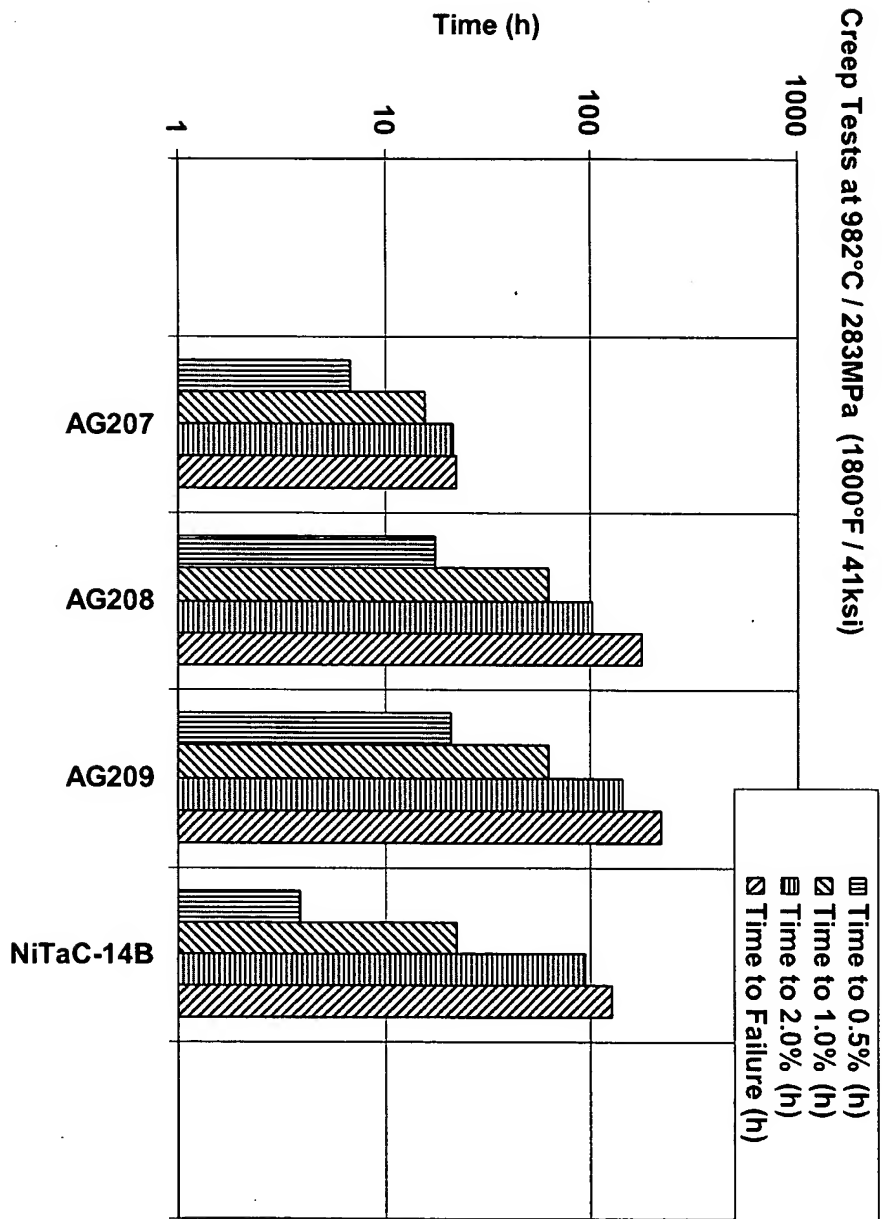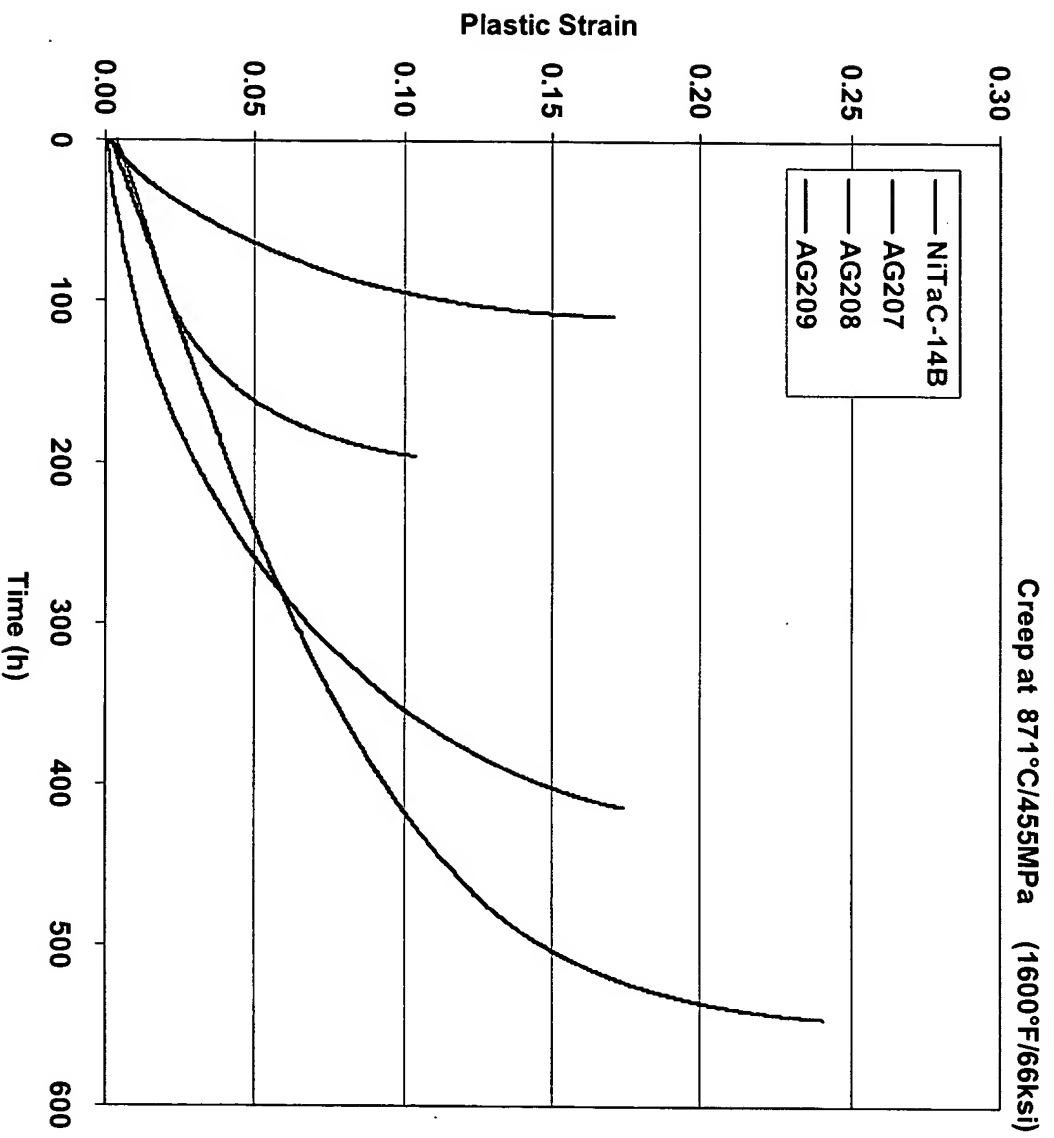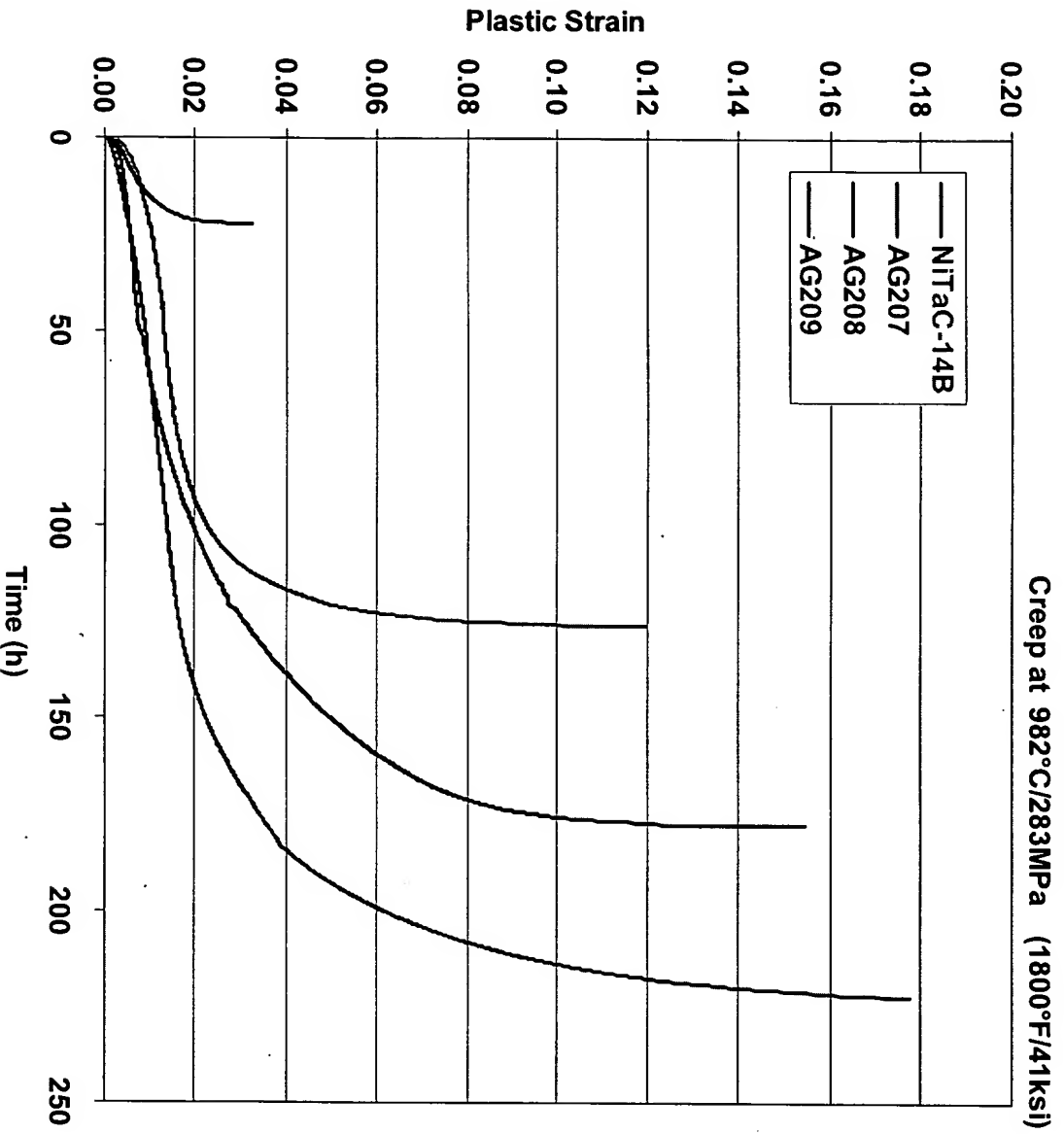
FIG.10.

BEST AVAILABLE COPY

FIG.11.

BEST AVAILABLE COPY